

Application Serial Number: 09/245,101  
1.111 Amendment dated October 21, 2003  
Reply to Office Action dated July 21, 2003

Docket Number: 3037-4222 - IDS 113082 (Kraml 5)

### AMENDMENTS TO THE CLAIMS

Please **REWRITE** claims 1, 5-7, 15-17, 28, 32-34, 42-44, and 55. Please **CANCEL** claims 8, 18, 35, and 45. For the Examiner's convenience, this Amendment includes the text of all claims under examination, a parenthetical expression for each claim to indicate the status of the claim, and markings to show changes relative to the immediate prior version of each currently amended claim.

1. (Currently Amended) A system for operation of a remotely located computer-controlled device, comprising:
- receiver means for receiving at least one paging message, each paging message including content data, said receiver means co-located with said remotely located computer-controlled device;
- means for comparing the content data of each said at least one paging message to a set of allowed commands; and
- means for sending at least one specific command to said remotely located computer-controlled device, each specific command determined as a result of the comparing of the content data of each said at least one paging message to the set of allowed commands,
- wherein the content data includes a program,
- wherein each specific command causes said remotely located computer-controlled device to perform at least two actions, and
- wherein one of said at least one specific command sent to said remotely located computer-controlled device includes the program.

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2. (Previously Presented) The system of claim 1, further comprising buffer means for receiving said at least one paging message from said receiver means.
3. (Previously Presented) The system of claim 1, wherein said means for sending further comprises command generation means for constructing each specific command to be forwarded to said remotely located computer-controlled device.
4. (Previously Presented) The system of claim 2, wherein said means for sending further comprises command generation means for constructing each specific command to be forwarded to said remotely located computer-controlled device.
5. (Currently Amended) The system of claim 1, wherein said specific command is a trigger signal, or a command string.
6. (Currently Amended) The system of claim 4, wherein said specific command is a trigger signal, or a command string.
7. (Currently Amended) The system of claim 1, wherein the program is a Java Applet said ~~specific command is a command string~~.
8. (Canceled).

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9. (Previously Presented) The system of claim 1, wherein the content data includes at least two allowed commands from the set of allowed commands.
10. (Previously Presented) The system of claim 4, wherein the content data includes at least two allowed commands from the set of allowed commands.
11. (Previously Presented) The system of claim 1, further comprising response means for sending at least one response paging message.
12. (Previously Presented) The system of claim 11, further comprising buffer means for receiving said at least one paging message from said receiver means.
13. (Previously Presented) The system of claim 11, wherein said means for sending further comprises command generation means for constructing each specific command to be forwarded to said remotely located computer-controlled device.
14. (Previously Presented) The system of claim 12, wherein said means for sending further comprises command generation means for constructing each specific command to be forwarded to said remotely located computer-controlled device.
15. (Currently Amended) The system of claim 11, wherein said specific command is a trigger signal, or a command string

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16. (Currently Amended) The system of claim 14, wherein said specific command is a trigger signal, or a command string.
17. (Currently Amended) The system of claim 11, wherein the program is a Java Applet said specific command is a command string.
18. (Canceled).
19. (Previously Presented) The system of claim 11, wherein the content data includes at least two allowed commands from the set of allowed commands.
20. (Previously Presented) The system of claim 14, wherein the content data includes at least two allowed commands from the set of allowed commands.
21. (Previously Presented) The system of claim 11, wherein said response means includes a response generator means for creating each response paging message.
22. (Previously Presented) The system of claim 21, wherein said means for creating each response paging message includes sensing means for determining a state of said remotely located computer-controlled device.
23. (Previously Presented) The system of claim 21, wherein said means for creating each response paging message includes response receiving means for receiving a response

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message from said remotely located computer-controlled device.

24. (Original) The system of claim 11, wherein said response paging message includes a security challenge message.
25. (Previously Presented) The system of claim 11, wherein said response paging message includes a success or failure indication following execution of each specific command.
26. (Previously Presented) The system of claim 11, wherein said response paging message includes a status indication for said remotely located computer-controlled device.
27. (Previously Presented) The system of claim 11, wherein said response paging message includes data collected by or from said remotely located computer-controlled device.
28. (Currently Amended) A method for operation of a remotely located computer-controlled device, comprising:
- receiving at least one paging message, each paging message including content data, on a receiver means co-located with said remotely located computer-controlled device;
- comparing the content data of each said at least one paging message to a set of allowed commands; and
- sending at least one specific command to said remotely located computer-controlled device, each specific command determined as a result of the comparing of the content data of each said at least one paging message to the set of allowed commands,

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wherein the content data includes a program,

wherein each specific command causes said remotely located computer-controlled device to  
perform at least two actions, and

wherein one of said at least one specific command sent to said remotely located computer-  
controlled device includes the program.

29. (Previously Presented) The method of claim 28, further comprising buffering said at least  
one paging message after it arrives on the receiver means.

30. (Previously Presented) The method of claim 28, further comprising buffering each  
specific command as a result of the comparing of the content data.

31. (Previously Presented) The method of claim 29, further comprising constructing each  
specific command as a result of the comparing of the content data.

32. (Currently Amended) The method of claim 28, wherein said specific command is a trigger  
signal, or a command string.

33. (Currently Amended) The method of claim 31, wherein said specific command is a trigger  
signal, or a command string.

34. (Currently Amended) The method of claim 28, wherein the program is a Java Applet said  
~~specific command is a command string.~~

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35. (Canceled).
36. (Previously Presented) The method of claim 28, wherein the content data includes at least two allowed commands from the set of allowed commands and the method performs the sending of each specific command for each match found as a result of the comparing of the content data.
37. (Previously Presented) The method of claim 31, wherein the content data includes at least two allowed commands from the set of allowed commands and the method performs the sending of each specific command for each match found as a result of the comparing of the content data.
38. (Previously Presented) The method of claim 28, further comprising sending at least one response paging message.
39. (Previously Presented) The method of claim 38, further comprising buffering said at least one paging message after it arrives on the receiver means.
40. (Previously Presented) The method of claim 38, further comprising formulating each specific command as a result of the comparing of the content data.
41. (Previously Presented) The method of claim 39, further comprising constructing each

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specific command as a result of the comparing of the content data.

42. (Currently Amended) The method of claim 38, wherein said specific command is a trigger signal, or a command string.

43. (Currently Amended) The method of claim 41, wherein said specific command is a trigger signal, or a command string.

44. (Currently Amended) The method of claim 38, wherein the program is a Java Applet said command string.

45. (Canceled).

46. (Previously Presented) The method of claim 38, wherein the content data includes at least two allowed commands from the set of allowed commands and the method performs the sending of each specific command for each match found as a result of the comparing of the content data.

47. (Previously Presented) The method of claim 41, wherein the content data includes at least two allowed commands from the set of allowed commands and the method performs the sending of each specific command for each match found as a result of the comparing of the content data.



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48. (Previously Presented) The method of claim 38, wherein said step of sending a response paging method further includes creating each response paging message.
49. (Previously Presented) The method of claim 48, wherein said step of creating each response paging message includes sensing a state of said remotely located computer-controlled device.
50. (Previously Presented) The method of claim 48, wherein said step of creating each response paging message includes receiving a response message from said remotely located computer-controlled device.
51. (Previously Presented) The method of claim 38, wherein each response paging message includes a security challenge message.
52. (Previously Presented) The method of claim 38, wherein each response paging message includes a success or failure indication following execution of each specific command.
53. (Previously Presented) The method of claim 38, wherein each response paging message includes a status indication for said remotely located computer-controlled device.
54. (Previously Presented) The method of claim 38, wherein each response paging message includes data collected by or from said remotely located computer-controlled device.

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55. (Currently Amended) A system for operating a remotely located computer-controlled device, the remotely located computer-controlled device including a sensor and a control, comprising:
- a transceiver for receiving at least one received paging message and transmitting at least one transmitted paging message, the transceiver co-located with said remotely located computer-controlled device;
- a comparator for comparing content data of each received paging message to a set of allowed components;
- a command generator for generating at least one command to the control, each command determined as a result of a comparing of the content data of each received paging message to the set of allowed components,
- wherein the sensor records a status of the sensor after the generating of said at least one command and reports the status to the transceiver for inclusion in said at least one transmitted paging message, and
- wherein the content data includes a program,
- wherein each command causes said remotely located computer-controlled device to perform at least two actions, and
- wherein one of said at least one command generated by the command generator includes the program.

56. (Previously Presented) The system of claim 55, wherein a duration of time between the sensor recording the status and the sensor reporting the status is a variable component of each received paging message.

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57. (Previously Presented) The system of claim 55, wherein a duration of time between the sensor recording the status and the sensor reporting the status is a predetermined minimum for performance of each command by said remotely located computer-controlled device.
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